



# Pilot Study Design

Improving Use of Urban Sector  
Data for Local, Regional and  
Statewide Water Planning

1

## Objectives for Pilot Study

1. Improve communication between DWR and entities gathering and reporting resources related information



2

## Objectives for Pilot Study

2. Identify areas of potential synthesis between data and information required for
  - a) Urban Water Management Plans
  - b) SB 610 / SB 221 water supply documents
  - c) Integrated Regional Water Management Plans
  - d) Status of Water Use Efficiency Implementation
  - e) California Water Plan Updates

3

## Objectives for Pilot Study

3. Partner with subject matter experts, water retailers, wholesalers, and regional planning entities to
  - a. Improve integration and sharing of planning data
  - b. Streamline data gathering and reporting



4

## Objectives for Pilot Study

4. Identify data related concerns and challenges faced by planning entities when preparing to meet **future urban water demands**



5

## Objectives for Pilot

5. Produce a report with recommendations for improving the collection, aggregation, and use of data produced for planning efforts described above



6

## Check In



- Are these objectives clear?
- Would you like to propose other objectives?

7

## Related Activities

- Southern California Symposium (TBA)
- 2003 Bay Institute Study
- Other related activities?

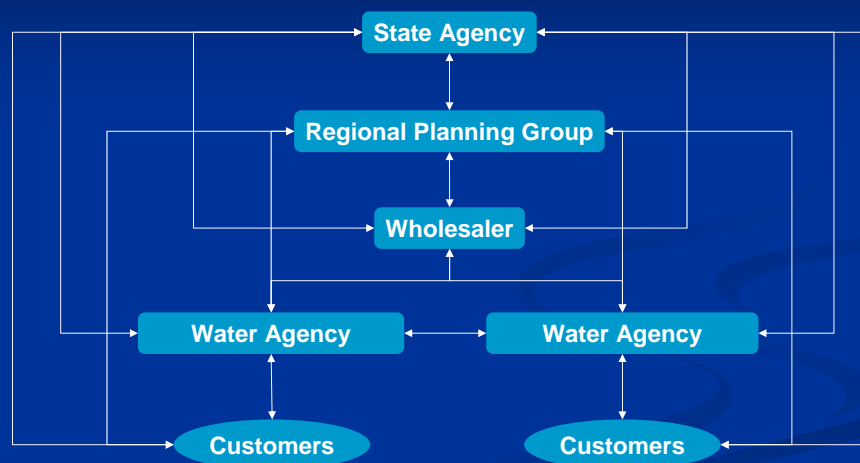
8

## Ideal Participation

- DWR
- A few retail water suppliers that serve
  - Single Family residential
  - Multi Family residential
  - Commercial
  - Institutional
  - Industrial
  - Large landscape
- One or more water wholesalers
- Other local and regional planning entities
- Other subject matter experts

9

## Planning Relationships



10

## Improve Information Exchange



11

## Approach

- Establish **objectives** – desired outcomes
- Identify potential **tasks** – actions we can take to accomplish objectives
- Identify potential **methods** – ways we can conduct the tasks

12

## Potential Pilot Tasks

1. Identify common or overlapping data needs between required and voluntary reporting
2. Identify common challenges reconciling data at different spatial and temporal scales or for different purposes
3. Identify current data gathering methods and analytical tools

13

## Potential Pilot Tasks

4. Identify data categories / establish preliminary data dictionary
5. Identify and describe data needs among different water management entities
6. Develop meta-data reporting standards

14

## Potential Pilot Tasks

7. Identify sources of reported information
8. Identify potential coordinated reporting mechanisms
9. Formulate recommendations

15

## Potential Methods to Accomplish Tasks

1. Establish a pilot leadership team
2. Select participants who can help accomplish pilot activities
3. Review and summarize planning and reporting requirements
4. Develop questionnaires to help focus interactions among participants to meet pilot objectives

16



## Potential Methods to Accomplish Tasks

5. Form an “Interview Team” and meet with small groups of participants to discuss specific items using questionnaires
6. Conduct SWAN workshops at regular intervals to discuss findings and refine next steps
7. Prepare report of findings and recommendations and present to SWAN

17

## Check In



- Potential Tasks
- Potential Methods

18

## Interactive Design

Discuss specific ideas for how to accomplish pilot study objectives



19

## Next Steps

- We will...

20

